

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
RELEASE 1.4[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#) [Quick Links](#) [Review](#)

&gt;&gt; Search

**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 [Print Format](#)Your search matched **22** of **937966** documents.

A maximum of **22** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one the text b

Then click **Search Again**.

water and hydrogen peroxide

[Search Again](#)**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Hydrogen peroxide and ozone formation in hybrid gas-liquid electric discharge reactors [water treatment applications]***Lukes, P.; Appleton, A.T.; Locke, B.R.;*

Industry Applications Conference, 2002. 37th IAS Annual Meeting. Conference of the , Volume: 3 , 2002

Page(s): 1816 -1821 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) **IEEE CNF****2 Removal of phenol in water by pulsed high voltage discharge***Kunitomo, S.; Sun, B.;*

Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 2001. Page(s): 317

[\[Abstract\]](#) [\[PDF Full-Text \(62 KB\)\]](#) **IEEE CNF****3 Aluminum-hydrogen peroxide sea water battery***Hamlen, R.; Rao, B.; Halliop, W.; Fitzpatrick, N.;*

Unmanned Untethered Submersible Technology, Proceedings of the 1987 5th International Symposium on , Volume: 5 , Jun 1987

Page(s): 128 -140

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) **IEEE CNF****4 Formation of chemical species and their effects on microorganisms under pulsed high voltage discharge in water***Sato, M.; Ohgiyama, T.; Clements, J.S.;*

Industry Applications Society Annual Meeting, 1994., Conference Record of the

IEEE , 2-6 Oct 1994  
Page(s): 1455 -1461 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) **IEEE CNF**

---

**5 Physical and chemical pathways for economic recycling of cadmium telluride thin-film photovoltaic modules**

*Sasala, R.A.; Bohland, J.; Smigielski, K.;*  
Photovoltaic Specialists Conference, 1996., Conference Record of the Twenty F  
IEEE , 13-17 May 1996  
Page(s): 865 -868

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF**

---

**6 About biological and chemical effect of dense low temperature oxygen-hydrogen plasma**

*Goryachev, V.L.; Rutberg, P.F.G.; Ufimtsev, A.A.; Pfyedokovich, V.N.;*  
Plasma Science, 1997. IEEE Conference Record - Abstracts., 1997 IEEE Internat  
Conference on , 19-22 May 1997  
Page(s): 291

[\[Abstract\]](#) [\[PDF Full-Text \(84 KB\)\]](#) **IEEE CNF**

---

**7 A highly reliable self-planarizing low-k intermetal dielectric for sub-q micron interconnects**

*Matsuura, M.; Tottori, I.; Goto, K.; Maekawa, K.; Mashiko, Y.; Hirayama, M.;*  
Electron Devices Meeting, 1997. Technical Digest., International , 7-10 Dec 19  
Page(s): 785 -788

[\[Abstract\]](#) [\[PDF Full-Text \(540 KB\)\]](#) **IEEE CNF**

---

**8 Reclamation of waste mixture of sulfuric acid and hydrogen peroxide to clean semiconductor wafers**

*Inagaki, Y.; Nishizaki, M.;*  
Semiconductor Manufacturing Conference Proceedings, 1999 IEEE Internationa  
Symposium on , 1999  
Page(s): 267 -270

[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) **IEEE CNF**

---

**9 Advanced UCT cleaning process based on specific gases dissolved ult water**

*Morita, H.; Ida, J.; Ii, T.; Ohmi, T.;*  
Semiconductor Manufacturing Conference Proceedings, 1999 IEEE Internationa  
Symposium on , 1999

Page(s): 453 -456

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) **IEEE CNF**

---

**10 Removal of phenol in water by pulsed high voltage discharge**

*Kunitomo, S.; Bing Sun;*

Pulsed Power Plasma Science, 2001. PPPS-2001. Digest of Technical Papers , V 2 , 2001

Page(s): 1138 -1141 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(327 KB\)\]](#) **IEEE CNF**

---

**11 Power optimization of small-scale chemical oxygen-iodine laser with jet-type singlet oxygen generator**

*Blayvas, I.; Barmashenko, B.D.; Furman, D.; Rosenwaks, S.; Zagidullin, M.V.;*

Quantum Electronics, IEEE Journal of , Volume: 32 Issue: 12 , Dec 1996

Page(s): 2051 -2057

[\[Abstract\]](#) [\[PDF Full-Text \(736 KB\)\]](#) **IEEE JNL**

---

**12 Formation of chemical species and their effects on microorganisms in pulsed high-voltage discharge in water**

*Sato, M.; Ohgiyama, T.; Clements, J.S.;*

Industry Applications, IEEE Transactions on , Volume: 32 Issue: 1 , Jan/Feb 19

Page(s): 106 -112

[\[Abstract\]](#) [\[PDF Full-Text \(696 KB\)\]](#) **IEEE JNL**

---

**13 Diode-laser-based absorption spectroscopy diagnostics of a jet-type  $O_2(^1\Delta_g)$  generator for chemical oxygen-iodine lasers**

*Furman, D.; Barmashenko, B.D.; Rosenwaks, S.;*

Quantum Electronics, IEEE Journal of , Volume: 35 Issue: 4 , Apr 1999

Page(s): 540 -547

[\[Abstract\]](#) [\[PDF Full-Text \(184 KB\)\]](#) **IEEE JNL**

---

**14 Removal of  $SO_2$  using a wet-type nonthermal plasma reactor**

*Kinoshita, Y.; Saito, K.; Takashima, K.; Katsura, S.; Mizuno, A.;*

Industry Applications Conference, 2001. Thirty-Sixth IAS Annual Meeting. Conf Record of the 2001 IEEE , Volume: 1 , 30 Sep-4 Oct 2001

Page(s): 693 -697 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(120 KB\)\]](#) [IEEE CNF](#)

---

**15 The alkaline aluminium hydrogen peroxide semi-fuel cell for the HUV 3000 autonomous underwater vehicle**

*Hasvold, O.; Johansen, K.H.;*

Autonomous Underwater Vehicles, 2002. Proceedings of the 2002 Workshop on  
Page(s): 89 -94

[\[Abstract\]](#) [\[PDF Full-Text \(513 KB\)\]](#) [IEEE CNF](#)

---

**16 Aluminum energy semi-fuel cell systems for underwater application: state of the art and the way ahead**

*Adams, M.; Halliop, W.;*

Autonomous Underwater Vehicles, 2002. Proceedings of the 2002 Workshop on  
Page(s): 85 -88

[\[Abstract\]](#) [\[PDF Full-Text \(557 KB\)\]](#) [IEEE CNF](#)

---

**17 Defect reduction and cost savings through re-inventing RCA cleans**

*Quimet, G.; Rath, D.L.; Cohen, S.L.; Fisch, E.E.; Gale, G.W.;*

Advanced Semiconductor Manufacturing Conference and Workshop, 1996. ASM  
Proceedings. IEEE/SEMI 1996 , 12-14 Nov 1996  
Page(s): 308 -313

[\[Abstract\]](#) [\[PDF Full-Text \(664 KB\)\]](#) [IEEE CNF](#)

---

**18 A novel method for photoresist stripping using ozone/de-ionized wa chemistry**

*Kashkoush, I.; Novak, R.; Matthews, R.;*

Semiconductor Manufacturing Conference Proceedings, 1997 IEEE International  
Symposium on , 6-8 Oct 1997  
Page(s): P81 -P85

[\[Abstract\]](#) [\[PDF Full-Text \(524 KB\)\]](#) [IEEE CNF](#)

---

**19 Dependence of thin-oxide films quality on surface microroughness**

*Ohmi, T.; Miyashita, M.; Itano, M.; Imaoka, T.; Kawanabe, I.;*

Electron Devices, IEEE Transactions on , Volume: 39 Issue: 3 , Mar 1992  
Page(s): 537 -545

[\[Abstract\]](#) [\[PDF Full-Text \(800 KB\)\]](#) [IEEE JNL](#)

---

**20 Parametric study of an efficient supersonic chemical oxygen-iodine**

**laser/jet generator system operating without buffer gas***Furman, D.; Barmashenko, B.D.; Rosenwaks, S.;*

Quantum Electronics, IEEE Journal of , Volume: 34 Issue: 7 , Jul 1998

Page(s): 1068 -1074

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) **IEEE JNL****21 A novel treatment technique for DMSO wastewater***Koito, T.; Tekawa, M.; Toyoda, A.;*

Semiconductor Manufacturing, IEEE Transactions on , Volume: 11 Issue: 1 , Fe

Page(s): 3 -8

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) **IEEE JNL****22 A new wastewater treatment technology for mixed acid drainage containing fluorine***Goto, A.; Yamasaki, K.;*

Semiconductor Manufacturing, IEEE Transactions on , Volume: 12 Issue: 3 , Au

Page(s): 295 -301

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) **IEEE JNL**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved